GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:851
ANSWERED ON:29.02.2000
USE OF SOLAR TECHNOLOGY IN GOVERNMENT BUILDINGS
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Will the Minister of URBAN DEVELOPMENT be pleased to state:

(a) whether the Government propose to introduce model code/building bye-laws to make use of solar water/air heaters mandatory in Government buildings, Hotels, Hospitals and Community Centres etc.;

(b) if so, the steps the Government propose to take for seeking the assistance and involvement of solar-efficient design; and

(c) the details of the pilot projects, if any, for achievement and promotion of solar thermal technology?

Answer

MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI BANDARU DATTATREYA)

(a): Yes, Sir. Draft model regulations and bye-laws for installation of Solar Assisted Water Heater (SAWH) in functional buildings had been prepared by the Government and sent to all the State Governments and Union Territories for circulation to all the urban local bodies so that the same could be incorporated in their buildings bye-laws.

The Government of Andhra Pradesh, Haryana, Himachal Pradesh, Madhya Pradesh, Punjab, Rajasthan and the Union Territory of Dadra and Nagar Haveli have made installation of solar water heaters mandatory in functional buildings in the State sector.

(b)&(c): A programme to promote energy efficient building designs in the country with optimum use of available solar energy is being implemented by the Ministry of Non-Conventional Energy Sources.Under the programme, the Ministry provides financial assistance for designing and constructing solar buildings in the Government and semi-government sectors. A number of design concepts have been evolved, several demonstration buildings designed, and a few research groups and groups of architects practising in this area have been established.

A soft loan upto 85% upto the extent of the cost are being provided to consumers through IREDA and selected commercial banks for installing solar water heating system. Besides, fiscal incentive in the form of 100% depreciation allowance is also available to commercial organisations for installation of such systems.